

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A light emitting device ~~wherein~~ comprising a plurality of GaN-based light emitting elements ~~are formed on an insulating substrate, and wherein the~~ plurality of light emitting elements are monolithically formed and connected in series to form two groups on the insulating substrate.
2. (Currently Amended) A ~~The~~ light emitting device according to claim 1, wherein the plurality of light emitting elements are arranged in a two-dimensional pattern on the substrate.
3. (Currently Amended) A ~~The~~ light emitting device according to claim 1, wherein ~~the plurality of light emitting elements are grouped into two groups, and the two groups are~~ connected between two electrodes in parallel so that the two groups are of opposite polarities.
4. (Currently Amended) A ~~The~~ light emitting device according to claim 1, wherein the plurality of light emitting elements are connected by air bridge lines.
5. (Currently Amended) A ~~The~~ light emitting device according to claim 1, wherein the plurality of light emitting elements are electrically separated by sapphire which is used as the substrate.
6. (Currently Amended) A ~~The~~ light emitting device according to claim 2, wherein the ~~plurality of light emitting elements are grouped into two groups having~~ have equal numbers of light emitting elements, ~~an array of light emitting elements in each group are~~ each group having an array of light emitting elements placed in a zigzag pattern, and the two groups of light emitting element arrays are connected between two electrodes in parallel so that they are of opposite polarities.
7. (Currently Amended) A ~~The~~ light emitting device according to claim 6, wherein the two groups of light emitting element arrays are alternately placed.
8. (Currently Amended) A ~~The~~ light emitting device according to claim 6, wherein each of the light emitting elements and the electrodes ~~have a planar shape of approximate square~~ has a substantially square, planar shape.

9. (Currently Amended) ~~A-The~~ light emitting device according to claim 6, wherein each of the light emitting elements and the electrodes have a planar shape of triangle has a substantially triangle, planar shape.
10. (Currently Amended) ~~A-The~~ light emitting device according to claim 2, wherein an overall shape of the plurality of light emitting elements and the electrodes is ~~approximate~~ substantially square.
11. (Currently Amended) ~~A-The~~ light emitting device according to claim 10, wherein ~~a light emitting element array comprising the plurality of light emitting elements is~~ are arranged in a zigzag pattern.
12. (Currently Amended) ~~A-The~~ light emitting device according to claim 6, wherein at least one of the electrodes is an electrode for an alternate current power supply.
13. (Currently Amended) ~~A-The~~ light emitting device according to claim 6, wherein the two groups of light emitting element arrays have a common n electrode.
14. (New) A light emitting device having a plurality of GaN-based light emitting diode elements formed on an insulating substrate, wherein
- the plurality of light emitting diode elements are arranged in a two-dimensional pattern on the insulating substrate;
 - the plurality of light emitting diode elements are grouped into a first group and a second group of equal number, the first and second groups being connected between two electrodes for AC power supply in parallel so that the first group and the second group are of opposite polarities, and each of the first group and the second group of light emitting diode elements being placed in a zigzag patten; and
 - a negative electrode of one of the light emitting diode elements of the first group other than the light emitting diode element at the end is common with and is electrically connected to a negative electrode of one of the light emitting diode elements of the second group adjacent to the one of the light emitting diode elements of the first group.
15. (New) A light emitting device having a plurality of GaN-based light emitting diode elements formed on an insulating substrate, wherein

the plurality of light emitting diode elements are arranged in a two-dimensional pattern on the insulating substrate;

the plurality of light emitting diode elements are grouped into a first group and a second group of equal number, the first and second groups being connected between two electrodes for AC power supply in parallel so that the first group and the second group are of opposite polarities; and

a negative electrode of one of the light emitting diode elements of the first group is common with and is electrically connected to a negative electrode of one of the light emitting diode elements of the second group adjacent to the one of the light emitting diode elements of the first group.

16. (New) The light emitting device according to claim 15, wherein

the plurality of light emitting diode elements are of approximately same shape and of approximately same size.

17. (New) The light emitting device according to claim 15, wherein

each of the plurality of light emitting diode elements has a planar shape of an approximate square and the plurality of light emitting diode elements are arranged in a matrix form.

18. (New) The light emitting device according to claim 15, wherein

each of the plurality of light emitting diode elements has a planar shape of an approximate triangle.

19. (New) The light emitting device according to claim 18, wherein

the one of the light emitting diode elements of the first group and the one of the light emitting diode elements of the second group adjacent to the one of the light emitting diode elements of the first group are placed in such a manner that the two light emitting diode elements as a whole have an approximate square shape and share the negative electrode at opposing sides.